



Item	Unit	8MM MP Premium	8MM HG Ultimate	Hi8 MP	Hi8 ME POSITION
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Physical Properties

Base Material		Tensilized Polyester	Tensilized Polyester	Tensilized Polyester	Tensilized Polyester
Tape Width	mm	8	8	8	8
Tape Thickness	μm	10	10	10	10
Residual Elongation	%	0.13	0.13	0.13	0.13
Yield Strength	N	15	15	15	15
	kg	1.5	1.5	1.5	1.4
Surface Electrical Resistance	Ω/sq	1 x 10 ⁹	1 x 10 ⁹	1 x 10 ⁹	1 x 10 ⁹

Magnetic Properties

Magnetic Particle		Super Finavinx	Super Finavinx	Super Finavinx	Super Finavinx
Coercivity	kA/m	128	128	130	160
	Oe	1610	1610	1630	2000
Remanence	mT	260	260	265	350
	gauss	2600	2600	2650	3500
Squareness Ratio		0.84	0.84	0.84	0.83

Video Characteristics (Standard 8)

Optimum Recording Current	dB	0	0
RF Output (5 MHz)	dB	0	+0.5
Video Luminance S/N	dB	0	0
Chroma Output	dB	0	+0.5
Chrominance S/N	dB	0	0

Video Characteristics (Hi8)

Optimum Recording Current	dB		0	+0.5	
RF Output (7 MHz)	dB		0	+0.5	
Video Luminance S/N	dB		0	+0.5	
Chroma Output	dB		0	0	
Chrominance S/N	dB		0	0	
Available Lengths (minutes):		60/90/120	90/120	90/120	120

The above specifications are representative values based on TDK measurements in the SP mode. Video characteristics are derived in the SP mode and by comparison with TDK standard tape (8mm and Hi8 reference tape, respectively).